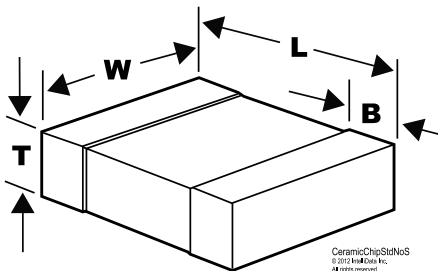


KEMET Part Number: C1808X102KHRACTU
(C1808X102KHRAC7800)

Ceramic, FlexTerm-(CxxxxX), 1000 pF, 10%, 3,000 V, 1808, X7R, SMD, MLCC, FT-CAP, Temperature Stable



Dimensions

L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
T	2mm +/-0.15mm
B	0.7mm +/-0.35mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	1000

General Information

Style:	SMD Chip
Series:	FlexTerm-(CxxxxX)
Chip Size:	1808
Description:	SMD, MLCC, FT-CAP, Temperature Stable
Features:	FT-CAP, Temperature Stable
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications

Capacitance:	1000 pF
Capacitance Tolerance:	10%
Voltage DC:	3000 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	100 GOhms
Dielectric Strength:	3,600 V